

ADAM HALL

EDUCATION

UNIVERSITY	University of Michigan, Ann Arbor	Dec. 2019
DEGREE	PhD in Statistics	
HONORS	Recipient of the Rackham Merit Fellowship.	
UNIVERSITY	University of California, Irvine	Sept. 2011
DEGREE	Bachelor of Arts in Quantitative Economics	
DEGREE	Bachelor of Arts in Sociology (Honors)	
MINORS	Mathematics, Statistics, and Philosophy	

EXPERIENCE

University of Michigan - PhD Student

September 1, 2015 — December 15, 2019 (40 hrs / wk)

Developed and implemented a method to estimate spatial price indices at low levels of aggregation using 2+ TB of data from retail barcode scanners. These data were processed using R, SQL, and Python, and used to implement this method to compare the cost of food between 82 counties in the state of Michigan. The uncertainty associated with these indices was estimated using a cluster bootstrap method.

University of Michigan - CSCAR Consultant

May 1, 2018 — May 1, 2019 (20 hrs / wk)

Served as a technical expert helping graduate students and faculty resolve statistical questions related to their research. Offered assistance with tasks such as designing studies, specifying regression models, testing hypotheses, conducting power analyses, and modeling dependent data. Also assisted clients with utilizing statistical software such as SPSS, R, and Python to analyze, visualize, and interpret their results.

University of Michigan - Graduate Student Instructor

August 1, 2013 — September 1, 2019 (20 hrs / wk)

Taught lab sections for introductory to intermediate statistics courses. Duties included lecturing about statistical tools and topics, explaining material in office hours, grading exams and homework assignments, writing questions for quizzes, and teaching R and SPSS.

Bureau of Economic Analysis - Economist Student Trainee

June 1, 2015 — August 31, 2015 (40 hrs / wk)

Researched the process by which raw price quotes are aggregated to regional price parities. Wrote press releases, reviewed data before release, and used SAS to produce supplementary tables upon public request. Used SAS with data from the ACS Public Use Microdata Sample to estimate rents at the county level, and compared these to estimates obtained using internal Census data.

Undergraduate Research Opportunities Fellow

September 1, 2009 — June 1, 2010 (20 hrs / wk)

Conducted hour-long informational interviews with 16 leaders of 12 different organizations. Wrote a sociology thesis analyzing factors influencing the choice and effectiveness of fundraising methods. Presented findings to UC Irvine Sociology department, and at a UROP symposium.

SKILLS

Computer Languages	R, Python, SQL, SPSS, SAS, HTML, CSS
Operating Systems	Microsoft Windows, Mac OS X, Debian GNU/Linux
Other Tools	Word, Excel, Powerpoint, Git, L ^A T _E X

✉ ADAM.CHRISTOPHER.HALL@GMAIL.COM ☎ (805) 223-1525

📄 [HTTPS://ADAMCHHALL.GITHUB.IO](https://adamchhall.github.io)